

Extract TFI cells and heat  
treat as per P. 115, 6

Project No. \_\_\_\_\_

Block No. \_\_\_\_\_

Results on P97

Exhibit L-21

Appl. No. 09/558,421

95

ge N — with 1ml Tag wt buffer (P117, 3) (+ PMSF and fresh SMT)

Pol array

maxA

(for 9 x 400 Rxns)

(for 27 Rxns)

Rad is 3-23-97  
codetail

x TFI Reaction

(equivalent -

mm Tris pH 9

Ammonium

45  $\mu$ l

✓ ✓

131 67.1

Cl<sub>2</sub> 25 mM

72

✓ ✓

54

(50 mM) (CF=2 mM)

JNIP 10 mM each

18

✓ ✓

27

200  $\mu$ mol

H<sub>2</sub>O

597

✓ ✓

~~880~~ 880

2 CDP

10.5

✓ ✓

4 ~~880~~

3.7 mg/ $\mu$ l

122

✓ ✓

183

Kp 855

(use 95  $\mu$ l/100  $\mu$ l Rxn)

Kp = 1211

use 45  $\mu$ l/50  $\mu$ l Rxn

1 2 3 4 5 6 7 8  
55  $\mu$ l —————→

RI

202

4

H

vol 1  $\mu$ l

0.5

4.5

100  $\mu$ l

72°C remove 20  $\mu$ l to 5  $\mu$ l 0.2 M EDTA at 15, 30, 60 min

Results on P97

Result: all clones have thermostable activity. eg #107 is ~0.14  $\mu$ l/ $\mu$ l  
Tag is ~25  $\mu$ l/ $\mu$ l (P36) and 40 mg/ $\mu$ l in Fr I (P37)

radford on Fr I's

To Page N \_\_\_\_\_

ed & Understood by me,

Dat

Invented by

Date

Researcher

6/95

Recorded by

12-14-94